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What is claimed is:

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1. A home network system, comprising:

a master device for transmitting a deletion request message to a home appliance connected to the home network system in order to disconnect the home appliance, receiving a deletion ACK response message from the home appliance, and deleting home appliance related information; and

a home appliance for receiving the deletion request message from the master device, transmitting the deletion ACK response message, and deleting home network system related information.

- 2. The system of claim 1, wherein the deletion request message comprises a logical address for the home appliance.
- 3. The system of claim 1, wherein the home network system related information comprises at least a logical address assigned by the master device, and the home appliance changes the logical address to a previously-stored initial logical address and stores the changed address.
- 4. The system of one of claims 1 to 3, wherein the master device further comprises a display device for displaying deletion of the home appliance related information.
- 5. A disconnection method of a home appliance in a home network system including at least one master device and at least one home appliance, comprising the steps of:

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transmitting, at the master device, a deletion request message to the home appliance in order to disconnect the home appliance from the home network system;

transmitting, at the home appliance, a deletion ACK response message to the master device;

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deleting, at the home appliance, home network system related information; and

deleting, at the master device, home appliance related information.

- 6. The method of claim 5, wherein the deletion request message comprises a logical address for the home appliance.
 - 7. The method of claim 5, wherein the home network system related information comprises at least a logical address assigned by the master device, the method further comprising a step for changing, at the home appliance, the logical address to a previously-stored initial logical address and storing the changed address.
- 8. The method of one of claims 5 to 7, further comprising a step for displaying, at the master device, deletion of the home appliance related information through a display device.
 - 9. A program storage medium for storing a computer readable program which disconnects a home appliance from a home network system including at least one master device and at least one home appliance, and which comprises the steps of:

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transmitting, at the master device, a deletion request message to the home appliance in order to disconnect the home appliance from the home network system;

transmitting, at the home appliance, a deletion ACK response message to the master device;

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deleting, at the home appliance, home network system related information; and

deleting, at the master device, home appliance related information.

- 10 10. The medium of claim 9, wherein the deletion request message comprises a logical address for the home appliance.
 - 11. The medium of claim 9, wherein the home network system related information comprises at least a logical address assigned by the master device, and the program further comprises a step for changing, at the home appliance, the logical address to an initial logical address.
 - 12. The medium of claim 9 or 11, wherein the program further comprises a step for displaying, at the master device, deletion of the home appliance related information through a display device.